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FORM

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Total Number of Pages in This Submission

4

Application Number

09/220,920

Filing Date

December 24, 1998

First Named Inventor

Milbrandt et al.

Group Art Unit

1646

Examiner Name

Joseph F. Murphy, Ph.D.

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ENCLOSURES (check all that apply)

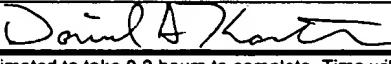
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declarations(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	It is believed that no fee is required. However, if this is incorrect and a fee is required, you are hereby authorized to charge any deficiencies or credit any overpayments to Deposit Account 20-0823. A duplicate copy of this letter is enclosed.	

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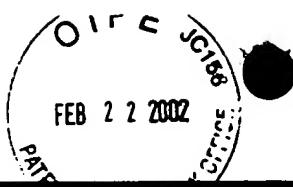
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Milbrandt et al.	Group No.: 1646
Serial No.: 09/220,920	Atty. Docket No.: 56029-7996
Filed: December 24, 1998	
For: Artemin, A Neurotrophic Factor	Examiner: Joseph F. Murphy, Ph.D.

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RESPONSE AND AMENDMENT

In response to the Office Action, paper no. 20, mailed on December 26, 2001, please enter the following amendments and remarks intended to put the above-identified application into form for allowance.

IN THE CLAIMS:

15. (Five times amended) An isolated nucleic acid molecule comprising no more than 10,000 nucleotides, wherein said nucleic acid molecule encodes a naturally occurring artemin amino acid sequence or a fragment thereof that is biologically equivalent to artemin, and wherein said artemin amino acid sequence is at least 88% identical to SEQ ID NO:26, and wherein said artemin amino acid sequence promotes survival of neurons.